

ABSTRACT OF THE DISCLOSURE

DETECTION AND TREATMENT OF CANCER

A method for detecting cancer in a patient. The method comprises the steps of introducing labeled antibodies or labeled AFP to a biological sample of the patient so the labeled antibodies or labeled AFP will react with the AFP receptor binding sites in the biological sample. Next there is the step of identifying AFP receptor binding sites in the biological material which are reacted with the labeled antibodies or labeled AFP to determine the presence of cancer. Preferably, before the introducing step, there is the step of obtaining a biological sample from a body of a patient. A method for treating cancer cells in a patient. The method comprises the steps of introducing AFP receptor antibodies to cancer cells in the patient. Then there is the step of reacting the AFP receptor antibodies with the AFP receptor of the cancer cells to inhibit growth of the cancer cells or kill the cancer cells. A method for monitoring a patient. The method comprises the steps of treating the patient for cancer. Then there is the step of testing the patient at predetermined intervals after the treatment for AFP receptor site levels. A method for treating a patient. The method comprises the steps of testing the patient for AFP receptor. Then there is the step of introducing AFP receptor antibodies or AFP into the patient to react with cancer cells in the patient if the testing indicates AFP receptor are in the patient. A method for treating cancer cells in a patient. The method comprises the steps of introducing modified AFP to cancer cells in the patient. Then there is the step of reacting the modified AFP with the AFP receptor of the cancer cells to inhibit growth of the cancer cells or kill the cancer cells.